

Converting Colors

YUV(156.6640, -21.0334,
-67.2343)

Have a look what the booklet for
YUV(156.6640, -21.0334, -67.2343)
contains.

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Color

**YUV(156.6640, -21.0334,
-67.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	50CC72
RGB	80, 204, 114
RGB Percent	31%, 80%, 45%
CMY	0.6863, 0.2000, 0.5529
CMYK	0.61, 0.00, 0.44, 0.20
HSL	136°, 55%, 56%
HSV	136°, 61%, 80%
XYZ	27.9384, 46.1061, 23.3465
YIQ	156.6640, -45.0140, -54.2780

Conversions

Conversions Part 2

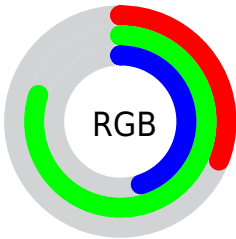
Format	Color
RYB	80, 177, 204
Decimal	5295218
CIELab	73.61, -53.82, 34.80
CIELCh	74, 64.092, 147.113
Yxy	46.1061, 0.2869, 0.4734
Android (android.graphics.Color)	4283485298 (0xFF50CC72)
YUV	156.6640, -21.0334, -67.2343
Hunter-Lab	67.9015, -45.3829, 27.1455

Details

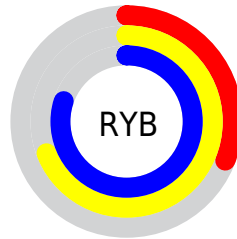
The YUV color **156.6640, -21.0334, -67.2343** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **127.3360, 21.0334, 67.2343**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5830, -21.4864, -61.9013**, and **94.7590, -15.1642, -83.1036** is the 20% darker color. If you saturate the color by 10%, you get **148.9740, -24.6372, -78.0302**, and if you desaturate by 10%, it is **164.3540, -17.4295, -56.4385**.

Distribution



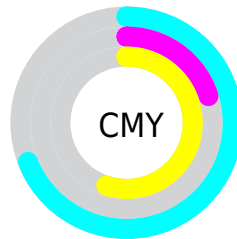
- Red (31%)
- Green (80%)
- Blue (45%)



- Red (31%)
- Yellow (69%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (44%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6640, -21.0334, -67.2343 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 156.6640, -21.0334, -67.2343 by changing the saturation by 10% instead.

■ 156.6640,
-21.0334, -67.2343

■ 156.6640,
-21.0334, -67.2343

255.0000, 0.0000,
0.0000

■ 127.2120,
-18.8385, -71.2229

■ 210.5830,
-21.4864, -61.9013

■ 94.7590, -15.1642,
-83.1036

■ 222.4460,
-13.5309, -46.8721

■ 76.1740, -17.8338,
-66.8046

■ 234.6080, -5.7227,
-31.2282

■ 57.9480, -21.6664,
-50.8204

■ 246.8840, 2.5222,
-15.6843

■ 41.6770, -20.5468,
-36.5507

■ 28.1760, -13.8908,
-24.7104

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 156.6640,
-21.0334, -67.2343

■ 156.6640,
-21.0334, -67.2343

■ 148.9740,
-24.6372, -78.0302

■ 164.3540,
-17.4295, -56.4385

■ 140.9850,
-28.0936, -89.4408

■ 172.3430,
-13.9731, -45.0278

■ 133.4090,
-31.2606, -100.3367

■ 179.9190,
-10.8061, -34.1320

■ 126.1320,
-34.5751, -110.6178

■ 187.9080, -7.3496,
-22.7213

■ 195.5980, -3.7458,
-11.9254

■ 203.2880, -0.1420,
-1.1296

■ 211.2770, 3.3144,
10.2811

■ 218.8530, 6.4815,
21.1769

■ 224.1510, 11.2646,
27.0546

Harmonies

Analogous

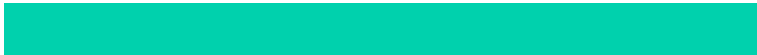
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.8830, -49.7353, -7.7904



156.6640, -21.0334, -67.2343



142.4050, 15.0833, -124.8892

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



156.6640, -21.0334, -67.2343



140.0130, 56.6886, -122.7914



169.2500, -18.8572, 75.2028

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



156.6640, -21.0334, -67.2343



127.3360, 21.0334, 67.2343

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



172.9270, 7.9240, 71.9780



156.6640, -21.0334, -67.2343



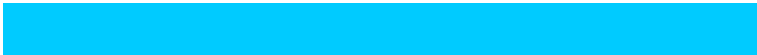
179.4130, 37.2644, -5.6242

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



156.6640, -21.0334, -67.2343



148.2310, 52.6371, -129.9986



185.8380, 29.6599, 53.6391



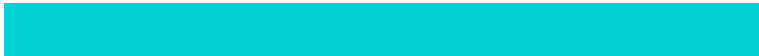
175.4040, -46.0482, 69.8057

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.6640, -21.0334, -67.2343



147.6660, 32.7027, -129.5031



185.8380, 29.6599, 53.6391



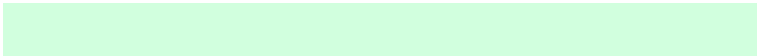
169.0680, -9.4005, 75.3624

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



156.6640, -21.0334, -67.2343



237.4840, -7.6336, -24.9805



179.9970, -49.2985, -7.8904



116.9350, -4.8980, -15.7290



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.6640, -21.0334, -67.2343



183.9960, -31.5500, -100.8515



163.6180, 5.6113, -73.3330



98.2120, -1.5835, -5.4479



102.5720, -28.3830, -89.9556



23.4460, -6.6289, -20.5621

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



127.3360, 21.0334, 67.2343



140.0040, 31.5500, 100.8515



120.3820, -5.6113, 73.3330



95.7880, 1.5835, 5.4479



63.3140, 27.9462, 90.0556



14.5540, 6.6289, 20.5621

Previews

White Background



This preview shows how the YUV color 156.6640, -21.0334, -67.2343 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 156.6640, -21.0334, -67.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.6640, -21.0334, -67.2343 Background



This preview shows how black text looks on a background with the YUV color 156.6640, -21.0334, -67.2343.



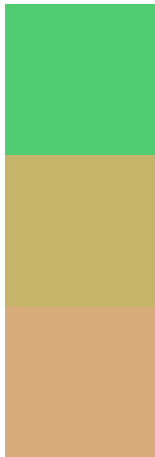
This preview shows how white text looks on a background with the YUV color 156.6640, -21.0334, -67.2343.

-67.2343.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

156.6640, -21.0334, -67.2343

Protanopia

176.5330, -35.2658, 17.9496

Deuteranopia

179.1570, -28.1784, 31.4343



Tritanopia

169.1100, 19.6658, -54.4705

Trichromacy



Original Color

156.6640, -21.0334, -67.2343



Protanomaly

169.3010, -30.2214, -13.4190



Deuteranomaly

171.2080, -25.7385, -4.5674



Tritanomaly

164.4780, 4.6943, -59.1782

Monochromacy



Original Color

156.6640, -21.0334, -67.2343



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.7830, -7.7810, -24.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6640, -21.0334, -67.2343 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 204, 114)` looks like.

```
.text, #text, p{  
    color:rgb(80, 204, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 204, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 204, 114) }
```

Border

The CSS property to change the border of an element to YUV 156.6640, -21.0334, -67.2343 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 204, 114) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(80, 204, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(80, 204, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 204, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 204, 114);  
box-shadow:4px 4px 4px 4px rgb(80, 204,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 156.6640, -21.0334, -67.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 204, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 204,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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